



# Foxit PDF SDK

for Android/iOS



[www.foxit.com](http://www.foxit.com)

# Introduction to Foxit PDF SDK

## Foxit PDF SDK

Foxit PDF SDK provides high-performance libraries to help any software developer add robust PDF functionality to their enterprise, mobile and cloud applications across all platforms (includes Windows, Mac, Linux, Web, Android, iOS, and UWP), using the most popular development languages and environments.

Application developers who use Foxit PDF SDK can leverage Foxit's powerful, standard-compliant PDF technology to securely display, create, edit, annotate, format, organize, print, share, secure, search documents as well as to fill PDF forms. Additionally, Foxit PDF SDK includes a built-in, embeddable PDF Viewer, making the development process easier and faster. For more detailed information, please visit the website <https://developers.foxit.com/products/pdf-sdk/>.

## Foxit PDF SDK for Android/iOS

Have you ever worried about the complexity of the PDF specification? Or have you ever felt lost when asked to build a full-featured PDF app within a limited time-frame? If your answer is "Yes", then congratulations! You have just found the best solution in the industry for rapidly integrating PDF functionality into your apps.

Foxit PDF SDK for Android/iOS focuses on helping developers easily integrate powerful Foxit PDF technology into their own mobile apps. With this SDK, even developers with a limited knowledge of PDF can quickly build a professional PDF viewer with just a few lines of code on Android/iOS/macOS platforms.

## Why Foxit PDF SDK for Android/iOS is your choice

Foxit is a leading software provider of solutions for reading, editing, creating, organizing, and securing PDF documents. Foxit PDF SDK libraries have been used in many of today's leading apps, and they are proven, robust, and battle-tested to provide the quality, performance, and features that the industry's largest apps demand.

Foxit PDF SDK for Android/iOS provides quick PDF viewing and manipulation support for Android/iOS/macOS Devices. Customers choose it for the following reasons:

- **Easy to integrate**

Developers can seamlessly integrate the SDK into their own apps with just a few lines of code.

- **Perfectly designed**

Foxit PDF SDK for Android/iOS is designed with a simple, clean, and friendly style, which provides the best user experience.

- **Flexible customization**

Foxit PDF SDK for Android/iOS provides the source code for the user interface which lets the developers have full control of the functionality and appearance of their apps.

- **Robust performance on mobile platforms**

Foxit PDF SDK for Android/iOS provides an OOM (out-of-memory) recovery mechanism to ensure the app has high robust performance when running the app on a mobile device which offers limited memory.

- **Powered by Foxit's high fidelity rendering PDF engine**

The core technology of the SDK is based on Foxit's PDF engine, which is trusted by a large number of the world's largest and well-known companies. Foxit's powerful engine makes the app fast on parsing, rendering, and makes document viewing consistent on a variety of devices.

- **Premium World-side Support**

Foxit offers premium support for its developer products because when you are developing mission critical products you need the best support. Foxit has one of the PDF industry's largest team of support engineers. Updates are released on a regular basis to improve user experience by adding new features and enhancements.

# Feature Spotlight

Foxit PDF SDK for Android/iOS has several main features which help app developers quickly implement the functions that they really need and reduce the development cost.

- Easy-to-use PDF Viewer Control
- Customizable User Interface with Source Code
- Annotation and Attachment Tools
- Full-Text Searching
- Support split screen
- Support Right-to-Left
- Digital and Handwritten Signature Tools
- Support Long term validation of signatures (LTV)
- Support comparison of two PDF documents at UI level
- Support Optional Content Groups (Layers)
- Support to read out the text of PDF file
- PDF Form Filling and Flattening
- Fill non-interactive forms with text and symbols
- Support Static and Dynamic XFA
- Reflow/Crop PDF pages for better reading
- Pan and Zoom PDFs
- Scan and convert paper documents to PDFs
- Protect PDFs by Certificate or Password
- Support Microsoft Rights Management (RMS)
- Built on Foxit Technology used by billions of end-users
- Excellent Memory Management and Robust Performance

# Introduction to PDF

## History of PDF

PDF is a file format used to represent documents in a manner independent of application software, hardware, and operating systems. Each PDF file encapsulates a complete description of a fixed-layout flat document, including the text, font, graphics, and other information needed to display it.

While Adobe Systems made the PDF specification available for free in 1993, PDF remained a proprietary format controlled by Adobe, until July 1, 2008, when it was officially released as an open standard and published by the International Organization for Standardization as ISO 32000-1:2008. In 2008, Adobe published a Public Patent License to ISO 32000-1 granting royalty-free rights for all patents owned by Adobe that are necessary to make, use, sell and distribute PDF compliant implementations.

## PDF Document Structure

A PDF document is composed of one or more pages. Each page has its own specifications to indicate its appearance. All the contents in a PDF page, such as text, image, annotation and form, etc. are represented as PDF objects. A PDF document can be considered as a hierarchy of objects contained in the body section of a PDF file (more detailed description about PDF objects is in section 4.20). Displaying a PDF document in an application involves loading PDF document, parsing PDF objects, retrieving/decoding pages content and displaying/printing it on a device. Editing a PDF document requires parsing the document structure, making changes and reorganizing the PDF objects in a document. These operations could be done by a conforming PDF reader/editor or in your own applications through APIs provided by Foxit.

## PDF Document Features

PDF supports a lot of features to enhance the document capability, such as document encryption, digital signatures, java script actions, form filling, layered content, multimedia support and etc. These features provide users with more flexibility in displaying, exchanging and editing documents. Foxit supports all PDF features in the ISO standard. Users can use Foxit PDF SDK to fulfill these advanced features in your applications.

# Technical Support

## Foxit Support

In order to provide you with a more personalized support for a resolution, please log in to your [Foxit account](#) and submit a ticket so that we can collect details about your issue. We will work to get your problem solved as quickly as we can once your ticket is routed to our support team.

You can also check out our [Support Center](#), choose Foxit PDF SDK which also has a lot of helpful articles that may help with solving your issue.

## Phone Support

Phone: 1-866-MYFOXIT or 1-866-693-6948

